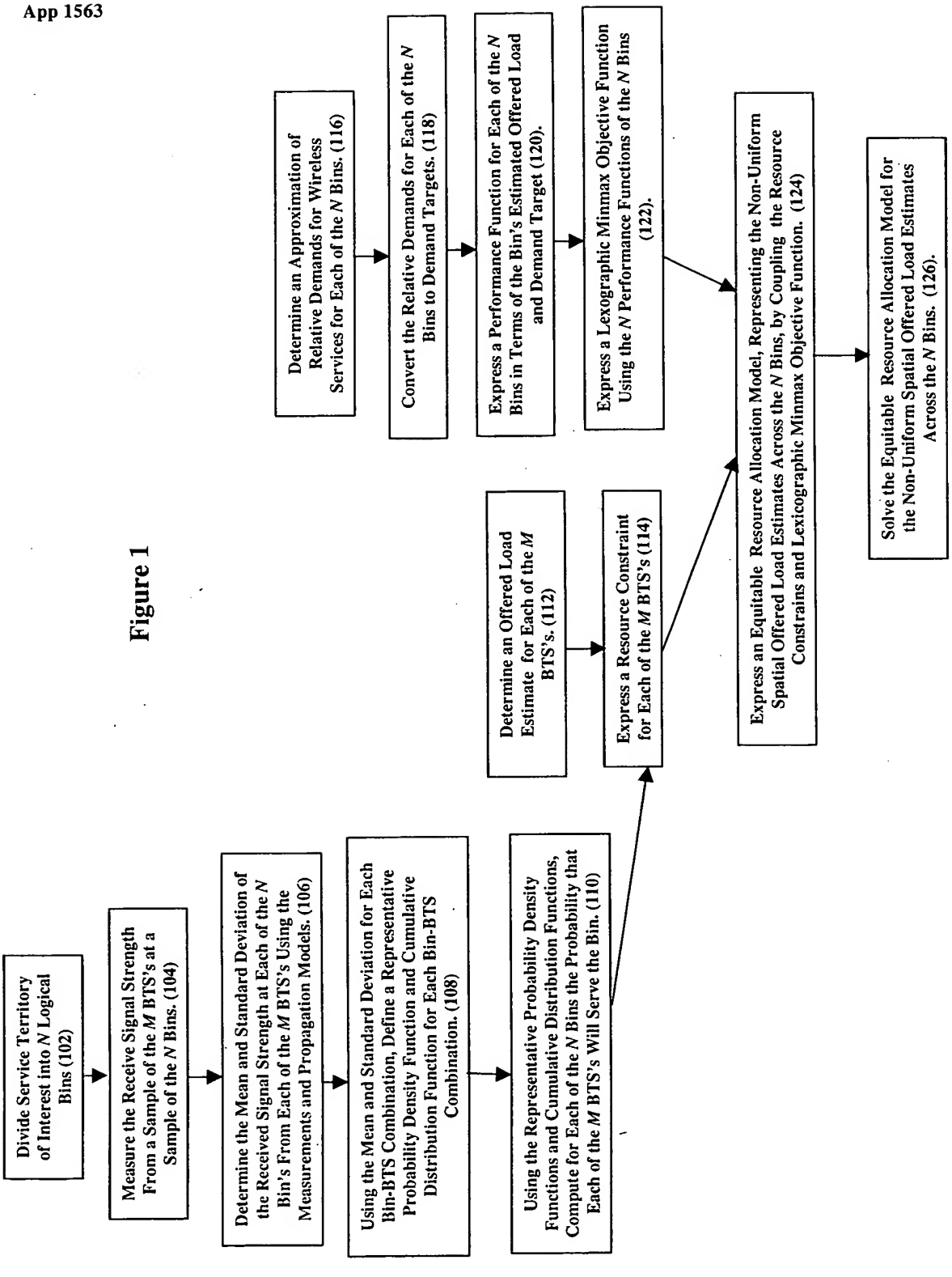
Divide Service Territory of Interest into N Logical Bins (102)
Measure the Receive Signal Strength From a Sample of the M BTS's at a Sample of the N Bins. (104)
Determine the Mean and Standard Deviation of the Received Signal Strength at Each of the N Bin's From Each of the M BTS's Using the Measurements and Propagation Models. (106)
Using the Mean and Standard Deviation for Each Bin-BTS Combination, Define a Representative Probability Density Function and Cumulative Distribution Function for Each Bin-BTS Combination. (108)
Using the Representative Probability Density Functions and Cumulative Distribution Functions, Compute for Each of the N Bins the Probability that Each of the M BTS's Will Serve the Bin. (110)
Determine an Offered Load Estimate for Each of the M BTS's. (112)
Express a Resource Constraint for Each of the M BTS's (114)
Determine an Approximation of Relative Demands for Wireless Services for Each of the N Bins. (116)
Convert the Relative Demands for Each of the N Bins to Demand Targets. (118)
Express a Performance Function for Each of the N Bins in Terms of the Bin's Estimated Offered Load and Demand Target (120).
Express a Lexographic Minmax Objective Function Using the N Performance Functions of the N Bins (122).
Express an Equitable Resource Allocation Model, Representing the Non-Uniform Spatial Offered Load Estimates Across the N Bins, by Coupling the Resource Constrains and Lexicographic Minmax Objective Function. (124)
Solve the Equitable Resource Allocation Model for the Non-Uniform Spatial Offered Load Estimates Across the N Bins. (126).

Figure 1